

Title (en)
Cleaning compositions comprising polyolhydroxyalkylethers

Title (de)
Reinigungsmittel, enthaltend Polyolhydroxyalkylether

Title (fr)
Composition nettoyante contenant des hydroxyalkylethers de polyols

Publication
EP 1645618 B1 20090527 (DE)

Application
EP 05021124 A 20050928

Priority
DE 102004048779 A 20041007

Abstract (en)
[origin: EP1645618A1] Clear detergent (I), comprises at least water; polyolhydroxyalkylether (whose alcohol component contains at least two at most 6 hydroxyl groups and 3-6C atoms and its alkyl residue is (un)saturated 10-22C hydroxyalkyl groups, preferably 2-hydroxyalkyl) insoluble in water; solution mediator; optionally an acid (preferably an organic acid). Independent claims are also included for: (1) use of polyolhydroxyalkylether (1) of formula (C(R 1>)(R 2>)(R 3>)(R 4>)) in cleaning agents, preferably in machine dishes spool agents; (2) an agent comprising polyolhydroxyalkylether, enzymes and bleaching agents and optionally further auxiliary and additional materials; and (3) an agent comprising 40-75 wt.% of ester compound of formula (2), 20-40 wt.% of (2), where at least two of R 1>-R 3> is hydroxyalkyl- or hydroxyalkenyl group (with proviso that two of R 1>-R 3> is H and only hydroxyalkyl- or hydroxyalkenyl), 0-10 wt.% of (2), where all of R 1>-R 3> is hydroxyalkyl- or hydroxyalkenyl, 0-20 wt.% of glycerin and 0-10 wt.% of oligomers, with proviso that the quantities of the components yield a sum of 100. R 1>-R 4>-OR 5>, CH 2-OR 5>, OH, CH 3, C 2H 5 or H; and R 5>H or (un)saturated hydroxyalkyl and/or hydroxyalkenyl with 10-22C. [Image].

IPC 8 full level
C11D 1/72 (2006.01); **C11D 3/34** (2006.01)

CPC (source: EP US)
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Cited by
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